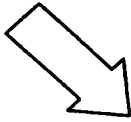


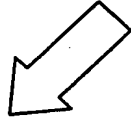


Title: PHOTOCROSSLINKED HYDROGEL
BLEND SURFACE COATINGS
Inventor(s): Wenxi HUANG et al.
Appl. No.: 10/802,039

PHOTO-LINKER MODIFIED
DEXTRAN

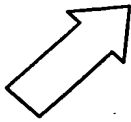


FLUORESCENT LABELLED-
DEXTRAN



BLEND

LIGAND FUNCTIONALIZED
DEXTRAN



UN-MODIFIED DEXTRAN

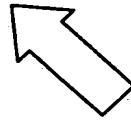


FIG. 1

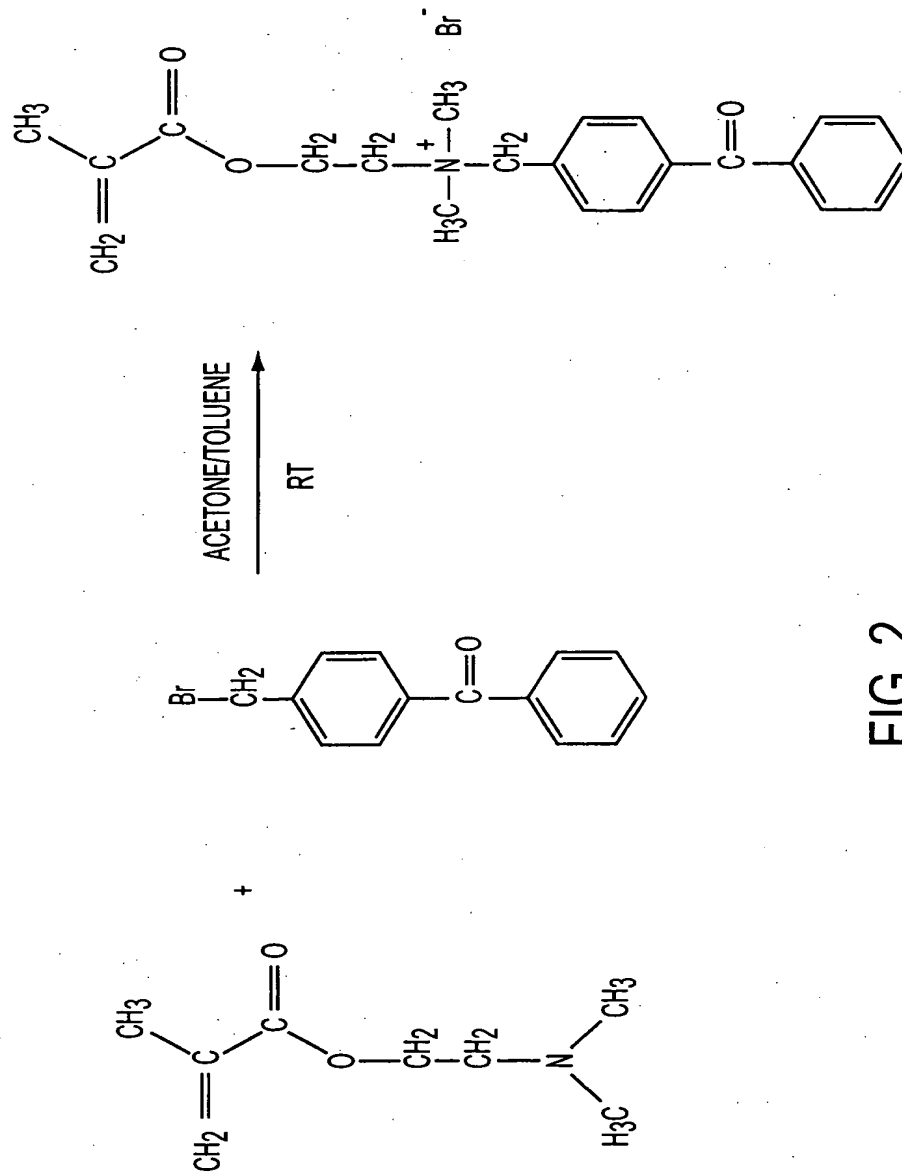


FIG. 2

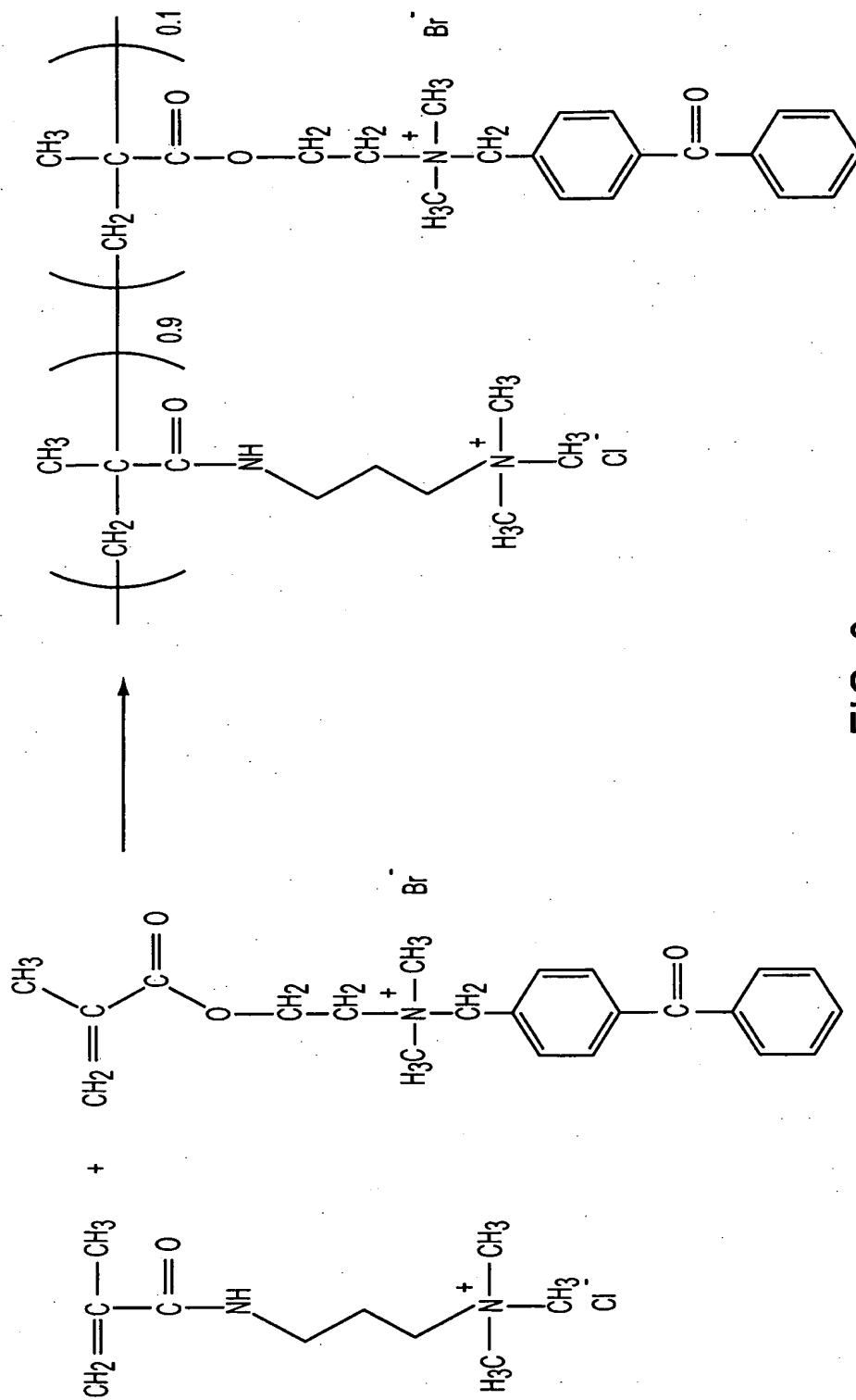


FIG. 3

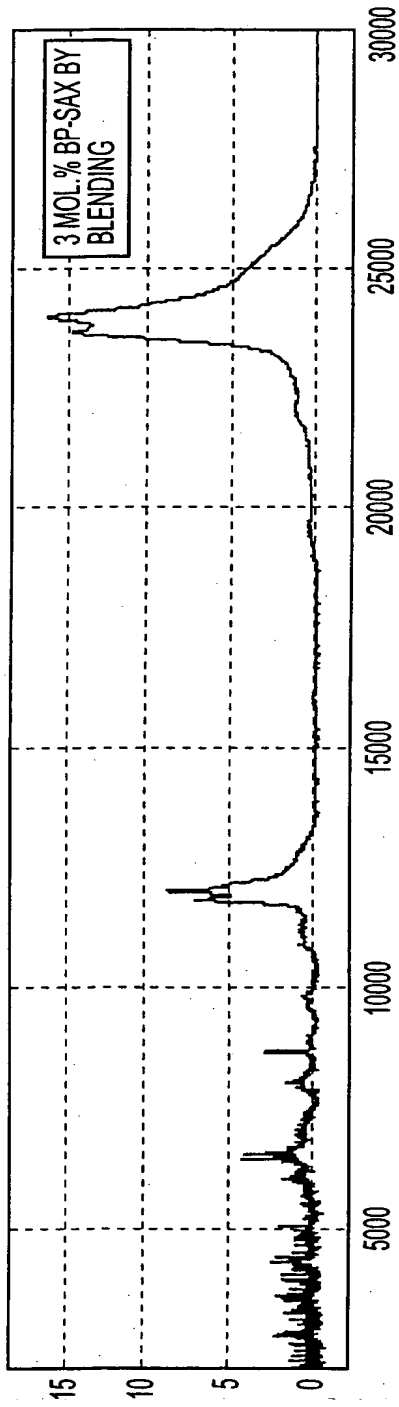


FIG. 4A

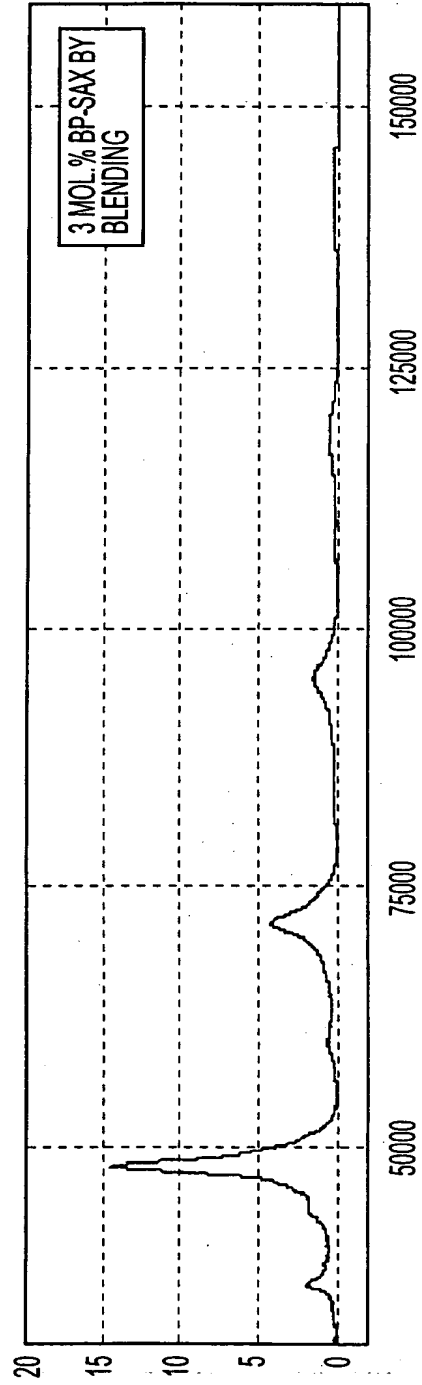


FIG. 4B

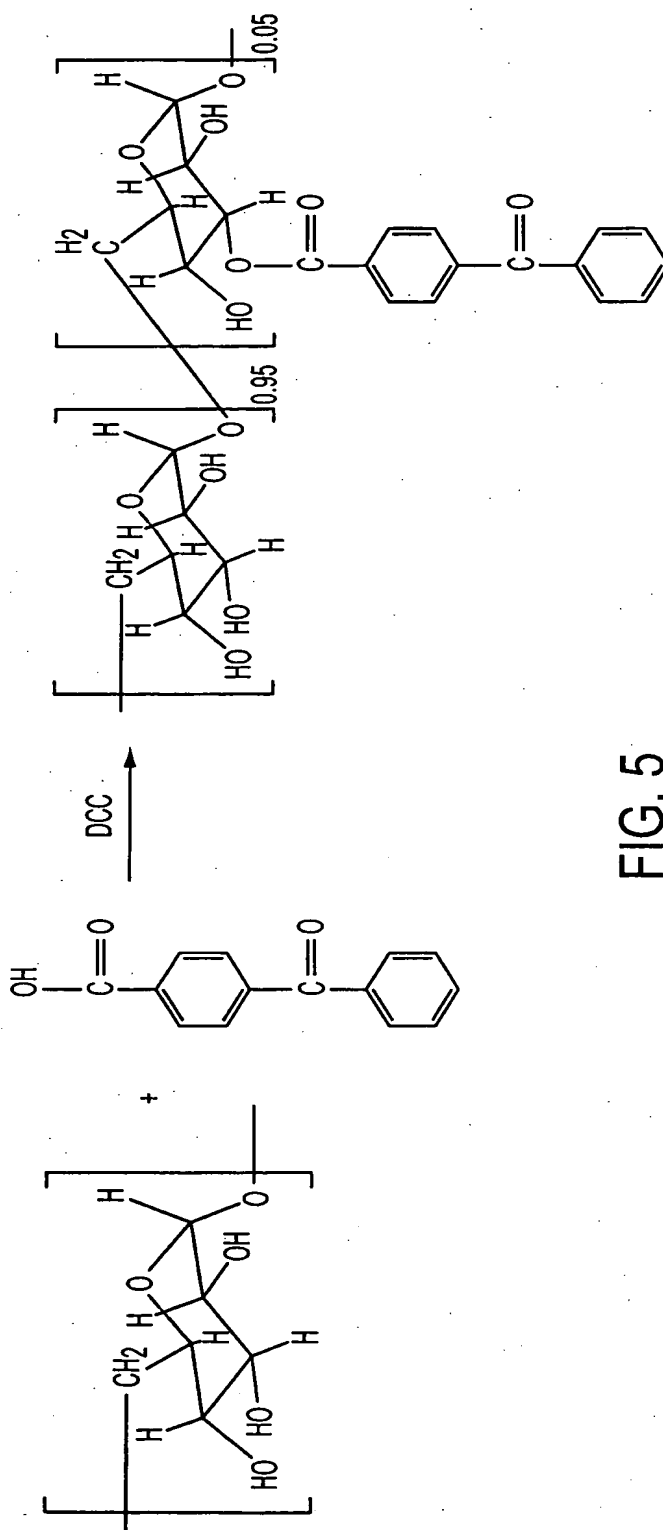


FIG. 5

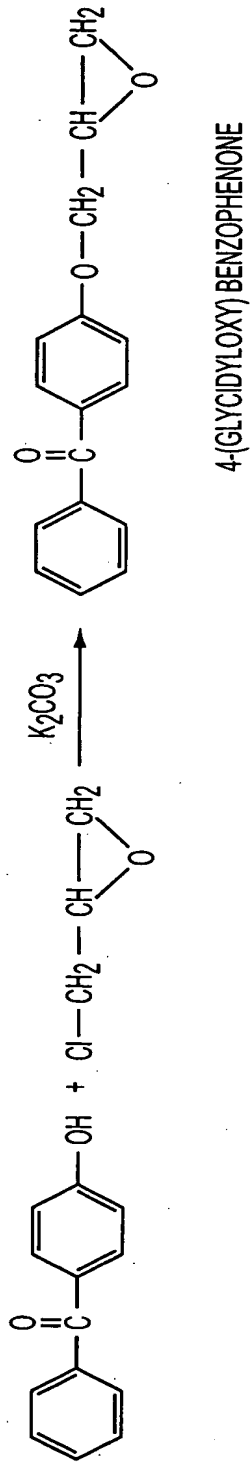


FIG. 6

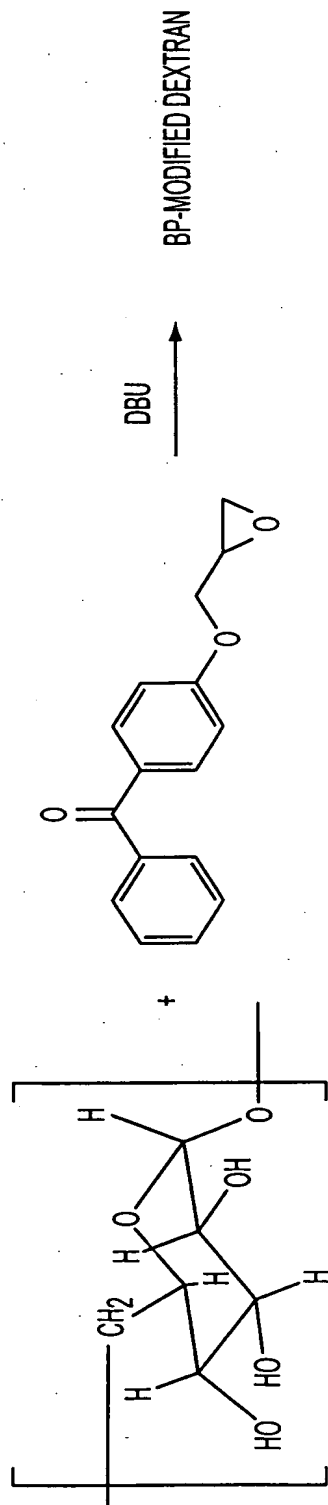


FIG. 7

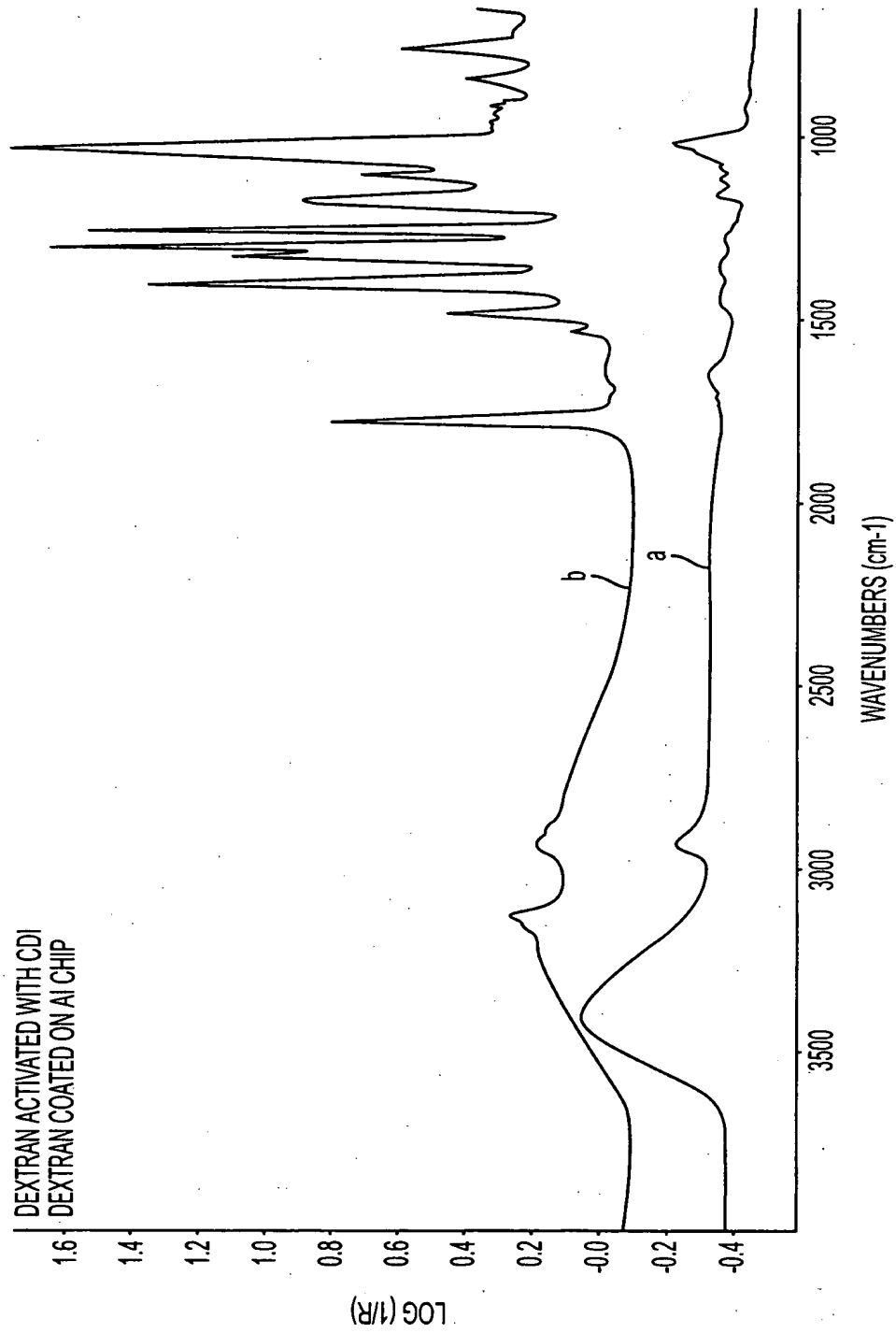


FIG. 8

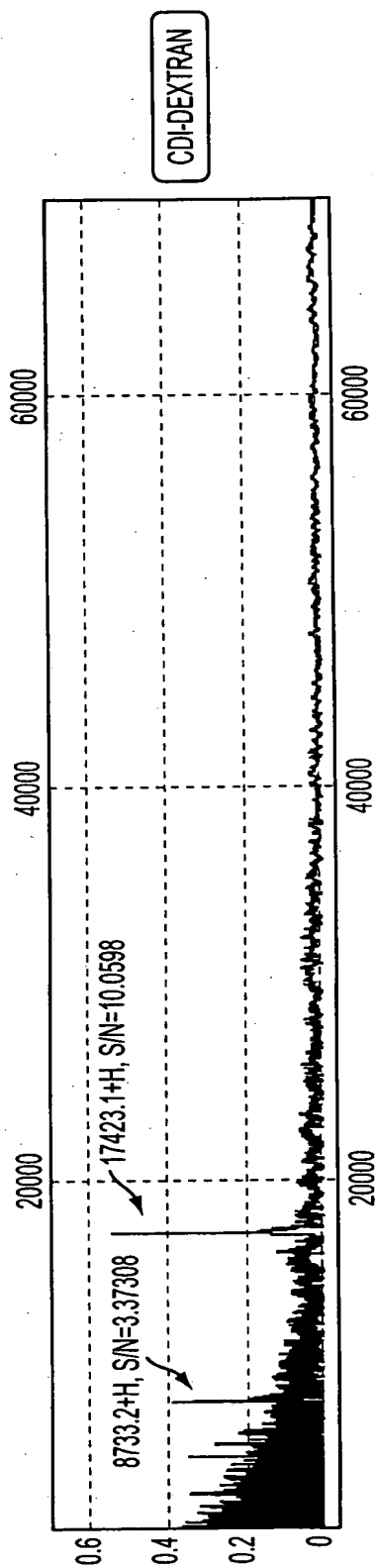


FIG. 9

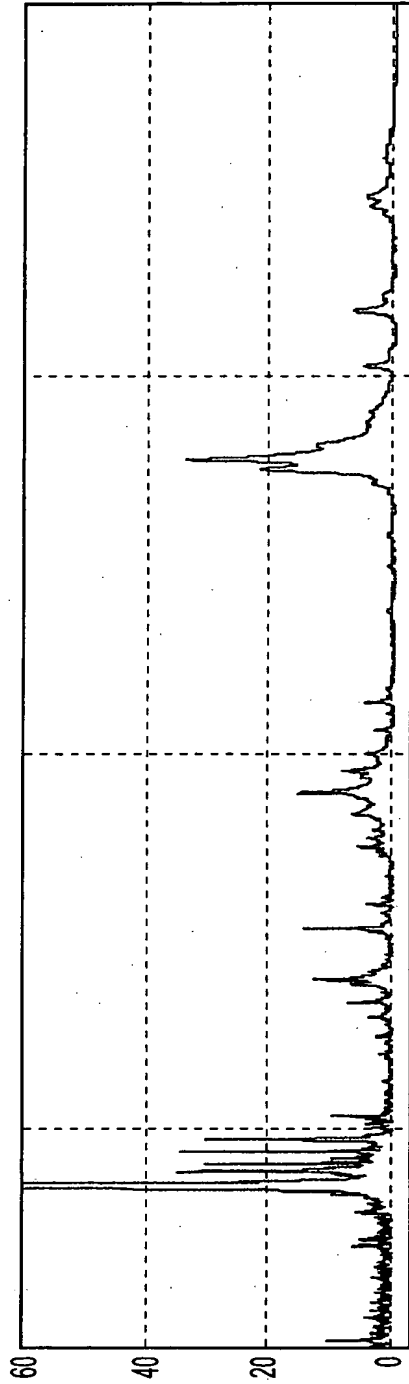


FIG. 10A

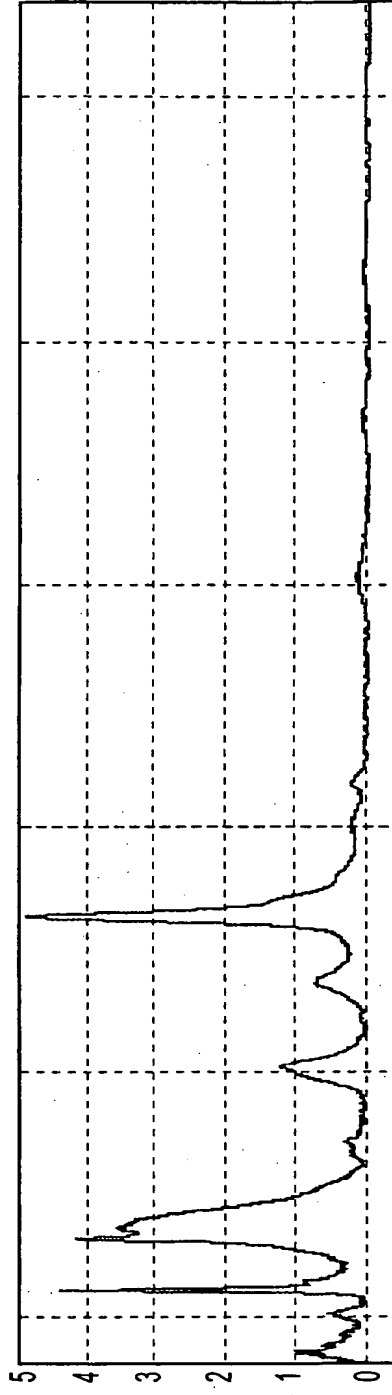
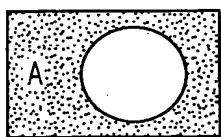
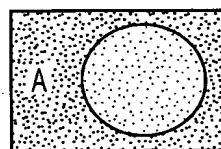


FIG. 10B



BARE SUBSTRATE

FIG. 11A



MEP GEL COATED

FIG. 11B

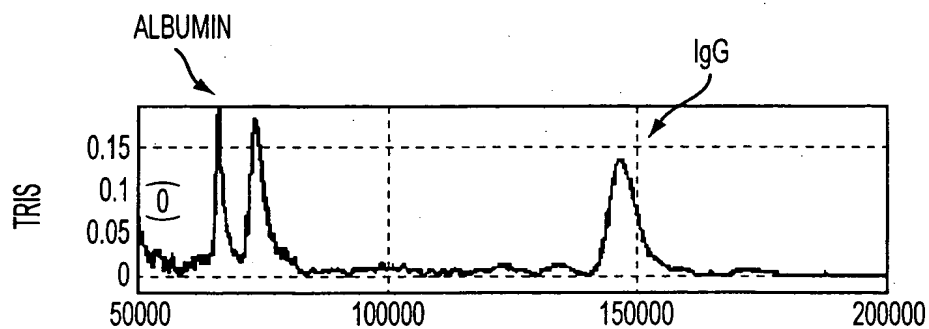


FIG. 12A

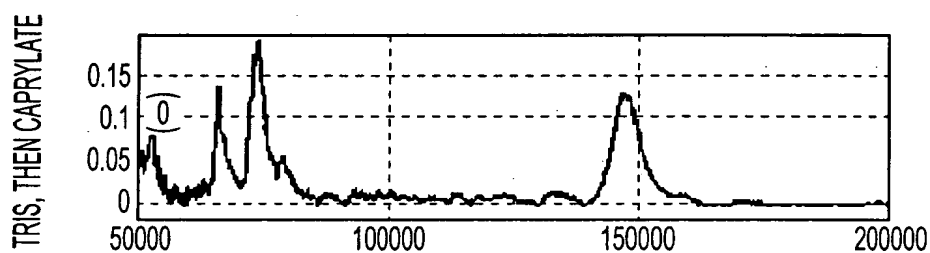


FIG. 12B

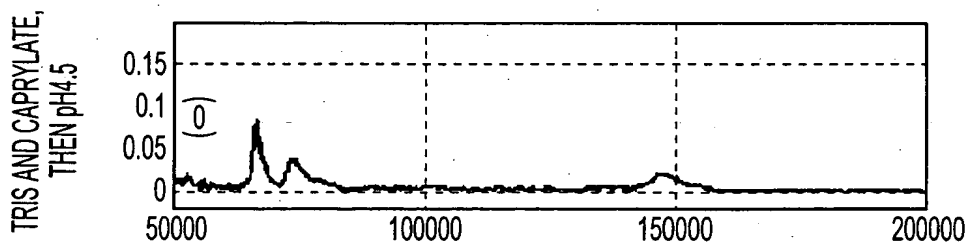


FIG. 12C

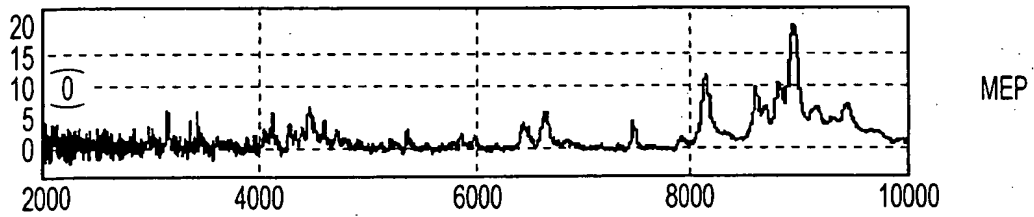


FIG. 13A

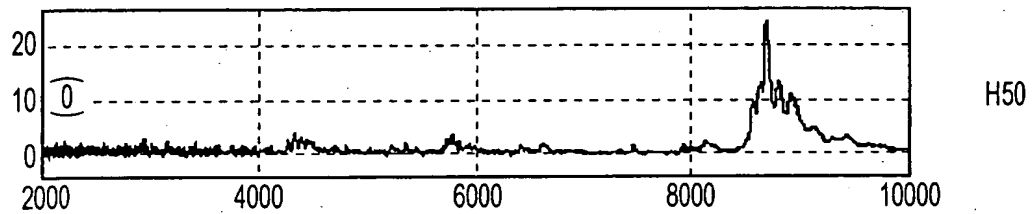


FIG. 13B

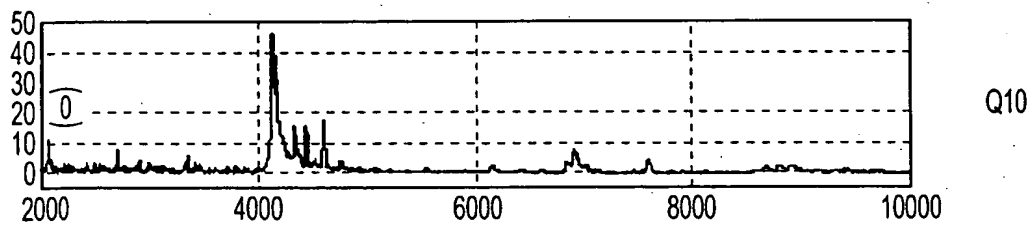


FIG. 13C

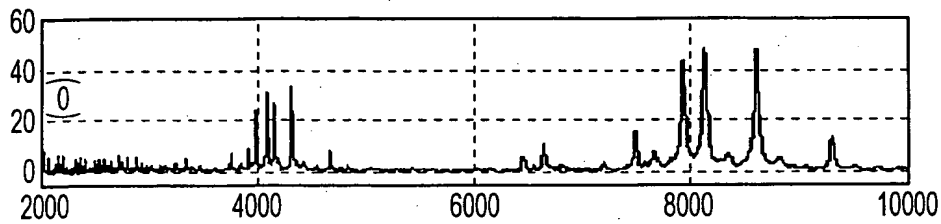


FIG. 14A

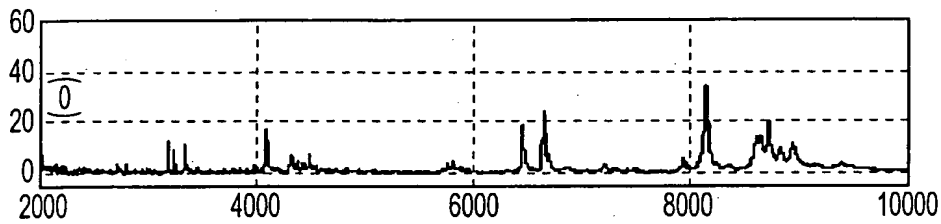


FIG. 14B

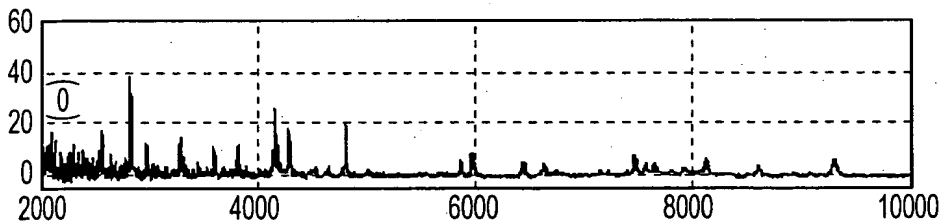


FIG. 14C

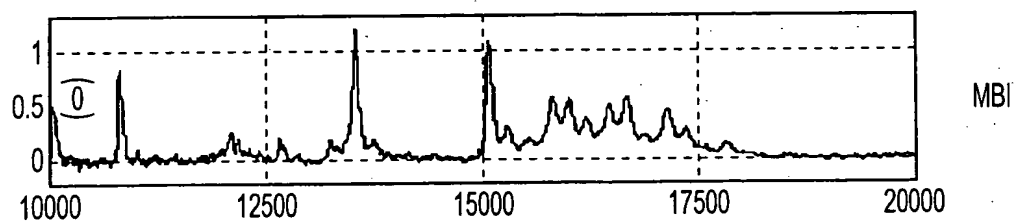


FIG. 15A

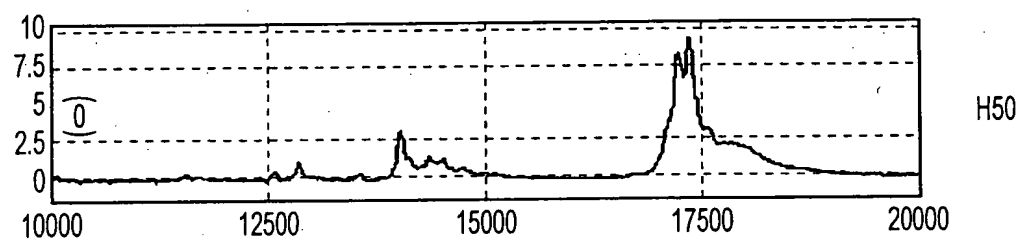


FIG. 15B

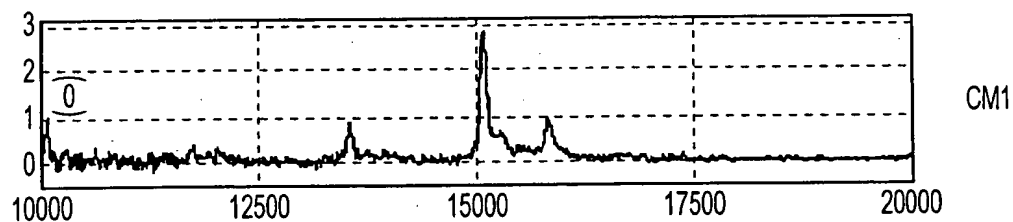


FIG. 15C